Contents

VOLUME 12, NUMBER 1, MARCH 1987

A. I. ROBERTSON AND N. C. DUKE: Insect herbivory on mangrove leaves in North Queensland

N. MCKILLIGAN: Causes of nesting losses in the cattle egret Ardeola ibis in eastern Australia with special reference to the pathogenicity of the tick Argas (Persicargas) robertsi to nestlings	9
N. J. ENRIGHT: Stemflow as a nutrient source for nikau palm (Rhopalostylis sapida) in a New Zealand forest	17
M.S. HOPKINS AND A. W. GRAHAM: Gregarious flowering in a lowland tropical rainforest: A possible response	
to disturbance by Cyclone Winifred	25
a. M. O'CONNELL: Litter decomposition, soil respiration and soil chemical and biochemical properties at three contrasting sites in karri (Eucalyptus diversicolor F. Muell.) forests of south-western Australia	31
J. C. SANDERSON AND D. P. THOMAS: Subtidal macro-algal communities in the D'Entrecasteaux Channel,	
Tasmania	41
N. MALAJCZUK, J. M. TRAPPE AND R. MOLINA: Inter-relationships among some ectomycorrhizal trees, hypogenous fungi and small mammals: Western Australian and northwestern American parallels	53
R. J. WILLIAMS AND D. H. ASHTON: The composition, structure and distribution of heathland and grassland communities in the subalpine tract of the Bogong High Plains, Victoria	57
J. B. KIRKPATRICK AND F. DUNCAN: Tasmanian high altitude grassy vegetation: its distribution, community	31
composition and conservation status	73
THESIS ABSTRACTS	87
BOOK REVIEWS	91
VOLUME 12, NUMBER 2, JUNE 1987	
N. S. HOPKINS AND A. W. GRAHAM: The viability of seeds of rainforest species after experimental soil burials under tropical wet lowland forest in north-eastern Australia N. J. ENRIGHT AND J. OGDEN: Decomposition of litter from common woody species of kauri (Agathis	97
australis Salisb.) forest in northern New Zealand	109
N.J. ELLIOTT, G. A. KILE, S. G. CANDY AND D. A. RATKOWSKY: The incidence and spatial pattern of Nothofagus cunninghamii (Hook.) Oerst. attacked by Platypus subgranosus Schedl in Tasmania's cool temperate	
rainforest	125
1.D. AULD: Population dynamics of the shrub Acacia suaveolens (Sm.) Wild.: Survivorship throughout the life cycle, a synthesis	139
R. J. WILLIAMS: Patterns' of air temperature and accumulation of snow in subalpine heathlands and grasslands on the Bogong High Plains, Victoria	153
B.A. WILSON AND D. M. J. S. BOWMAN: Fire, storm, flood and drought: The vegetation ecology of Howards	
Peninsula, Northern Territory, Australia	165
M. D. LOWMAN AND H. HEATWOLE: The impact of defoliating insects on the growth of eucalypt saplings M. ZIMMERMAN, E. S. NAGY AND L. GALLOWAY: Nectar dispersion patterns in three Australian plant	175
species	183
M. D. LOWMAN: Relationships between leaf growth and holes caused by herbivores	189
M. J. LAMBERT AND J. TURNER: Suburban development and change in vegetation nutritional status	193
THESIS ABSTRACTS BOOK REVIEWS	197

VOLUME 12, NUMBER 3, SEPTEMBER 1987

A. C. GRICE AND M. WESTOBY: Aspects of the dynamics of the seed-banks and seedling populations of Acacia	
	209
R. M. MORTON, B. R. POLLOCK AND J. P. BEUMER: The occurrence and diet of fishes in a tidal inlet to a	
THE PROPERTY AND ALL A	217
B. R. HUTSON AND L. G. VEITCH: Densities of Collembola and Acarina in the soil and litter of three indigenous	
South Australian forests related to layer, site and seasonal differences	239
	263
R. P. HART, J. B. IVESON AND S. D. BRADSHAW: The ecology of Salmonella serotypes in a wild marsupial (the	
quokka Setonix brachyurus) in a disturbed environment	267
R. H. FROEND, E. M. HEDDLE, D. T. BELL AND A. J. MCCOMB: Effects of salinity and waterlogging on the	
vegetation of Lake Toolibin, Western Australia	281
A. M. GILL, K. R. CHRISTIAN, P. H. R. MOORE AND R. I. FORRESTER: Bushfire incidence, fire hazard and fuel	
reduction burning	299
R. C. ELLIS AND A. M. GRALEY: Soil chemical properties as related to forest succession in a highland area in	
north-east Tasmania	307
THESIS ABSTRACTS	319
BOOK REVIEWS	323
VOLUME 12, NUMBER 4, DECFMBER 1987	
J. D. BELL AND M. WESTOBY: Effects of epiphytic alga on abundances of fish and decapods associated with the	
seagrass Zostera capricorni	333
J. B. KIRKPATRICK, D. M. J. S. BOWMAN, B. A. WILSON AND K. J. M. DICKINSON: A transect study of the	
Eucalyptus forests and woodlands of a dissected sandstone and laterite plateau near Darwin, Northern	
Territory	339
M. D. LOWMAN, A. D. BURGESS AND W. D. HIGGINS: The biomass of New England peppermint (Eucalyptus	
nova-anglica) in relation to insect damage associated with rural dieback	361
A. NIEUWENHUIS: The effect of fire frequency on the sclerophyll vegetation of the West Head, New South	
Wales	373
B. G. COLLINS AND T. REBELO: Pollination biology of the Proteaceae in Australia and southern Africa	387
D. E. WRIGHT: Analysis of the development of major plagues of the Australian plague locust Chortoicetes	
terminifera (Walker) using a simulation model	423
THESIS ABSTRACTS	439
BOOK REVIEWS .	441
REFEREES	451
AUTHOR INDEX	452

263

319 323

387